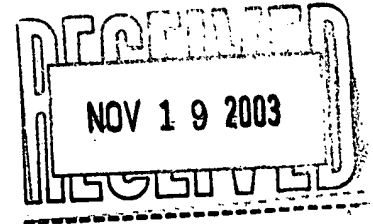




IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

2675
8
S I
1124-03

APPLN. OF: TAKAHASHI
SERIAL NO.: 09/867,098
FILED: May 29, 2001
FOR: Display Device
GROUP: 2675
EXAMNIER: ANYASO, UCHENDU O.
DOCKET: NEC 01FN014



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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In connection with the above-entitled matter, Applicant hereby attaches U.S. Patent Office form PTO-1449, including a copy of the reference listed therein. Where available, English language counterparts and/or abstracts are being provided for Examiner's convenience. This reference was cited in the Japanese Office Action dated July 9, 2003 of the underlying Japanese patent application. Enclosed is a copy of the Japanese Office Action, together with an English translation of the relevant portions thereof. The claims in the present application are believed to be patentably distinguished over this reference.

This Supplemental Information Disclosure statement is being made pursuant to the duty of disclosure imposed by law and formulated in 37 CFR 1.56(A). No representation is made that the information thus disclosed in fact constitutes prior art or that it is the closest prior art, inasmuch as 37 CFR 1.56(A) relies on a materiality concept which depends on subjectivity.

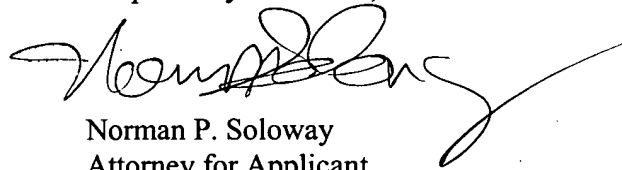
HAYES SOLOWAY P.C.
130 W. CUSHING ST.
TUCSON, AZ 85701
TEL. 520.882.7623
FAX. 520.882.7643

175 CANAL STREET
MANCHESTER, NH 03101
TEL. 603.668.1400
FAX. 603.668.8567

In compliance with the requirements of 37 C.F.R., § 1.98(a)(3), as a concise statement of relevance, as it is presently understood by the individual designated in 35 U.S.C. § 1.56(c) most knowledgeable about the content of the information, the undersigned attorney of record submits a translation of portions of an official action by a foreign examiner in which the reference was cited. The relevance to the pending U.S. patent application is that the reference was cited in a foreign patent application on the same subject matter. However, no independent analysis of the reference, the accuracy of the statement of foreign examiner or the claims of the foreign application under the laws of the country or the United States relative to the subject matter claimed in the present application has been made; the present understanding of the contents thereof by the undersigned being based on the translation of the foreign examiner's comments submitted therewith.

The enclosed Supplemental Information Disclosure Statement is being submitted within three months of the Japanese Office Action, as certified in the attached Certification for Information Disclosure Statement. Therefore, we believe there are no fees involved with this Information Disclosure Statement. In the event there are additional fees payable, please charge them to our Deposit Account No. 08-1391.

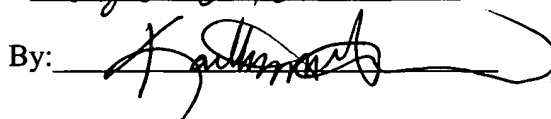
Respectfully submitted,



Norman P. Soloway
Attorney for Applicant
Registration No. 24,315

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 27, 2003 at Tucson, Arizona.

By: 

HAYES SOLOWAY P.C.
130 W. CUSHING ST.
TUCSON, AZ 85701
TEL. 520.882.7623
FAX. 520.882.7643

175 CANAL STREET
MANCHESTER, NH 03101
TEL. 603.668.1400
FAX. 603.668.8567

STATEMENT UNDER 37 CFR 1.97(e) ACCOMPANYING
INFORMATION DISCLOSURE STATEMENT

Docket No.
NEC 01FN014

In Re Application Of: TAKAHASHI

Serial No. 09/867,098
Filing Date May 29, 2001

Examiner
ANYASO, UCHENDU O.

Group Art Unit
2675

Invention: Display Device

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TO THE ASSISTANT COMMISSIONER FOR PATENTS:

This is a statement under the provisions of 37 CFR 1.97(e) in the above-identified application.

Check applicable statement herebelow:

Statement Under 37 CFR 1.97(e)(1)

- ☒ Each item of information contained in the accompanying Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement.

Statement Under 37 CFR 1.97(e)(2)

- ☐ No item of information contained in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned person, after making reasonable inquiry, no item of information contained in the accompanying Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.


Signature

Dated:

August 27, 2003

Norman P. Soloway
Registration No. 24,315
HAYES SOLOWAY P.C.
130 W. Cushing Street
Tucson, AZ 85701

Certificate of Mailing by First Class Mail

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August 27, 2003 with the U.S. Postal Service as first
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Assistant Commissioner for Patents, Washington, D.C.
20231.


Signature of Person Mailing Correspondence

Kathryn Grimes

Typed or Printed Name of Person Mailing Correspondence

cc:



Application Number
09/867,098

Applicant(s)
TAKAHASHI

Filing Date **May 29, 2001**

Group Art Unit **2675**

U.S. PATENT DOCUMENTS

~~Technology Center 2600~~

FOREIGN PATENT DOCUMENTS

4

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



NEC 01FN014
/1

Record (Refer to the List of Cited Documents for the Cited Documents)

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- Claims 1-9
- Cited Document 1
- Remarks

The invention that is described in Cited Document 1 is one pertaining to a PDP driver and has a digital gradation driver, thus, digitalization of a general image signal by AD conversion if there is a digital signal that is converted from an analog signal can be recognized as easily realized by one skilled in the art. Dither as a gradation display means is a common technological item for one skilled in the art. Determination of what kind of image signal there is by noise detection is easily obtained by one skilled in the art from the description of a digital personal computer image signal not including analog noise for a general image signal in Cited Document 1. The noise being the lower bits in a digital signal does not exceed a common technological item for one skilled in the art.

List of Cited Documents

1. Publication of No. 7-140923

[Handwritten:]

*The document that is listed to the left is "the Publication of Japanese Laid-Open Patent No. H7-140923" as confirmed by Mr. Suzuno, Patent Examiner. 7/10

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... When revised, the description of the original Specifications that forms the basis for the revised section is desired to be clarified in the written opinion along with attention given such as not bringing about a novel item since there is a risk of violation of the provisions of Patent Law Article No. 17 No. 2 Item 3.

Prior Art Reference Search Result Record

- Searched Fields
IPC 7th Edition G09G3/20-3/36
- Prior Art Reference
Publication of Japanese Laid-Open Patent No. H10-105116

This prior art reference search result record is without the formation of rejection reasons.

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